

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33365
Name: Layne Energy Operating, LLC
Address: 1900 Shawnee Mission Parkway
City/State/Zip: Mission Woods, KS 66205
Purchaser: _____
Operator Contact Person: Victor H. Dyal
Phone: (913) 748-3987
Contractor: Name: MOKAT Drilling
License: 5831
Wellsite Geologist: _____
Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)
If Workover/Re-entry: Old Well Info as follows:
Operator: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____
2/10/2006 2/13/2006 2/23/2006
Spud Date or 2/10/2006 Date Reached TD 2/13/2006 Completion Date or
Recompletion Date 2/23/2006 Recompletion Date

API No. 15 - 125-30950-00-00
County: Montgomery
NE SW Sec. 4 Twp. 32 S. R. 14 East West
1980 feet from (S) N (circle one) Line of Section
1980 feet from E / (W) (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Bomac Farms Well #: 11-4
Field Name: Cherokee Basin Coal
Producing Formation: Cherokee Coals
Elevation: Ground: 878' Kelly Bushing: _____
Total Depth: 1552' Plug Back Total Depth: 1544'
Amount of Surface Pipe Set and Cemented at 21 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 1551'
feet depth to Surface w/ 150 sx cmt.
AH 2 - DIA - 11/4/08
Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content N/A ppm Fluid volume _____ bbls
Dewatering method used N/A - Air Drilled
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

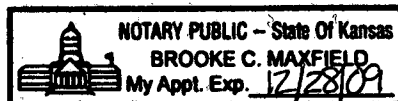
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: [Signature]
Title: Agent Date: 5/29/06
Subscribed and sworn to before me this 24 day of May
20 [Signature]
Notary Public: [Signature]
Date Commission Expires: 12/28/09

KCC Office Use ONLY

Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution



Operator Name: Layne Energy Operating, LLC Lease Name: Bomac Farms Well #: 11-4
 Sec. 4 Twp. 32 S. R. 14 East West County: Montgomery

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (Attach Additional Sheets)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Pawnee Lime	933 GL	-55
Electric Log Run (Submit Copy)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Excello Shale	1081 GL	-203
List All E. Logs Run:		V Shale	1131 GL	-253
Compensated Density Neutron		Mineral Coal	1178 GL	-300
Dual Induction		Mississippian	1471 GL	-593

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CASING RECORD New Used
 Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (in O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacjs Used	Type and Percent Additives
Surface	11	8.65	24	21'	Class A	4	Type 1 cement
Casing	6.75	4.5	10.5	1551'	Thick Set	150	

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
	See Attached		

TUBING RECORD	Size <u>2 3/8"</u> Set At <u>1065'</u> Packer At _____	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. <u>5/10/2006</u>	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)	
Estimated Production Per 24 Hours	Oil Bbls. <u>0</u> Gas Mcf <u>45</u> Water Bbls. <u>76</u>	Gas-Oil Ratio _____ Gravity _____

Disposition of Gas Vented Sold Used on Lease (If vented, Submit ACO-18.)

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____

Operator Name:	Layne Energy Operating, LLC.		
Lease Name:	BoMac Farms 11-4		
	Sec. 4 Twp. 32S Rng. 14E, Montgomery County		
API:	15-125-30950		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
4	1177.5-1179, 1131.5-1136, 1110.5-1111.5	Mineral, Croweberg, Bevier-4300# 20/40 sand, 1500 gal 15% HCl acid, 390 bbls	1110.5-1179
4	1081.5-1088, 1059-1062.5	Mulky, Summit-5500# 20/40 sand, 1500 gal 15% HCl acid, 516 bbls wtr	1059-1088
4	794-795, 742.5-743.5, 701-705	Laredo, Dawson, Hushpuckney-4600# 20/40 sand, 800 gal 15% HCl acid, 384 bbls wtr	701-795

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WICHITA, KS

MORNING COMPLETION REPORT

Report Called in by: JES

Report taken by: KRD

LEASE NAME & #		AFE#	DATE	DAYS	CIBP	PBTD
BOMAC 11-4		G01024100100	2/10/2006	1	DEPTH	TYPE FLUID
PRESENT OPERATION:					WT	
DRILL OUT FROM UNDER SURFACE					VIS	
DEEPEST CASING OD SHOE DEPTH	LINERS OD TOP & SHOE DEPTH	REPAIR DOWN TIME HRS		CONTRACTOR MOKAT		
	8 5/8" 24# J-55 — Set 20'	TEST PERFS		RIG NO BILLY		
PACKER OR ANCHOR	FISHING TOOLS	OD	ID	SQUEEZED OR PLUG BACK PERFS		
				TO		
				TO		
				TO		
				TO		
HRS	BRIEF DESCRIPTION OF OPERATION					
	MIRU MOKAT DRILLING, DRILLED 11" HOLE, 21' DEEP, RIH W/ 1 JT 8 5/8" SURFACE CASING,					
	MIXED 4 SXS TYPE 1 CEMENT, DUMPED DN THE BACKSIDE, SDFN.					
	RECEIVED					
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	MAY 25 2006					
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	WICHITA, KS					
DAILY COST ANALYSIS						

RIG	_____
SUPERVISION	200
RENTALS	_____
SERVICES	400
MISC	2280

DETAILS OF RENTALS, SERVICES, & MISC	
MOKAT DRILLING @ 6.50/r	
MOKAT (CEMENT)	80
DIRTWORKS (LOC,RD, PIT)	400
SURFACE CASING	200
LAND/ LEGAL	2000

DAILY TOTALS 2880 **PREVIOUS TCTD** 0 **TCTD** 2880

CONSOLIDATED OIL WELL SERVICES, INC.

P.O. BOX 884, CHANUTE, KS 66720

620-431-9210 OR 800-467-8676

MAY 25 2004

CONSERVATION DIVISION
TREATMENT REPORT & FIELD TICKET
CEMENT

TICKET NUMBER 08338

LOCATION EUREKA

FOREMAN Kevin McCoy

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
2-14-06	4758	BOMAC 11-4				MG
CUSTOMER <u>Layne Energy</u>						
MAILING ADDRESS <u>P.O. Box 160</u>						
CITY <u>Sycamore</u>	STATE <u>Ks</u>	ZIP CODE	TRUCK #	DRIVER	TRUCK #	DRIVER
			445	Rick L.		
			442	Rick P.		
			452 T-63	Jim		
			436	John		

JOB TYPE Longstring HOLE SIZE 6 3/4 HOLE DEPTH 1552' CASING SIZE & WEIGHT 4 1/2 10.5" NEW
 CASING DEPTH 1551' DRILL PIPE _____ TUBING _____ OTHER PBTD 1544'
 SLURRY WEIGHT 13.2* SLURRY VOL 47 BBL WATER gal/sk 8.0 CEMENT LEFT in CASING 7'
 DISPLACEMENT 24.5 BBL DISPLACEMENT PSI 800 ~~MAX~~ PSI 1300 Bump Plug RATE _____

REMARKS: Safety Meeting: Rig up to 4 1/2 casing. Break Circulation w/ 35 BBL Fresh water. Pump 4 sks Gel flush, 5 BBL water spacer, 10 BBL Metasilicate Pre flush, 17 BBL Dye water. Mixed 150 sks Thick Set Cement w/ 10" Kol-Seal per/sk @ 13.2* per/gal, yield 1.75. Wash out Pump & Lines. Shut down. Release Plug. Displace w/ 24.5 BBL Fresh water. Final Pumping Pressure 800 PSI. Bump Plug to 1300 PSI. wait 2 minutes. Release Pressure. Float Held. Good Cement Returns to Surface = 7 BBL Slurry. Job Complete. Rig down.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	800.00	800.00
5406	0	MILEAGE 2 ND well of 2	0	0
1126 A	150 sks	Thick Set Cement	13.65	2047.50
1110 A	30 sks	KOL-SEAL 10" per/sk	17.75	532.50
1118 A	4 sks	Gel Flush	7.00	28.00
1111 A	50 *	Metasilicate Pre Flush	1.65 *	82.50
5407 A	8.25 TONS	40 miles BULK TRUCK	1.05	346.50
5501 C	3 HRS	Water Transport	98.00	294.00
5502 C	3 HRS	80 BBL VAC TRUCK	90.00	270.00
1123	6000 gals	City water	12.80 ^{per 1000}	76.80
4404	1	4 1/2 Top Rubber Plug	40.00	40.00
5605 A	4 HRS	Welder	78.00	312.00
			Sub Total	4829.80
		Thank You	SALES TAX 5.3%	148.78
		203004	ESTIMATED TOTAL	4978.58

AUTHORIZATION Called By John Ed

TITLE _____

DATE _____

GEOLOGIC REPORT

LAYNE ENERGY
Bomac Farms 11-4
NE SW, 1980 FSL, 1980 FWL
Section 4-T32S-R14E
Montgomery County, KS

Spud Date: 2/10/2006
Drilling Completed: 2/14/2006
Logged: 2/14/2006
A.P.I. #: 15-125-30950
Ground Elevation: 878'
Depth Driller: 1552'
Depth Logger: 1553'
Surface Casing: 8.625 inches at 20'
Production Casing: 4.5 inches at 1551'
Cemented Job: Consolidated
Open Hole Logs: Dual Induction SFL/GR, High Resolution
Compensated Density/Neutron

Formation

Lansing Group
Pawnee Limestone
Excello Shale
"V" Shale
Mineral Coal
Mississippian

Tops (in feet below ground level)

Surface (South Bend Limestone Member)
933
1,081
1,131
1,178
1,471

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